

UMSTEAD RESEARCH FARM

STATION INFORMATION

Location

City: Butner
County: Granville

Station Statistics

Staff: 1

Management Units:

Field Crops
Ornamentals - wildflowers

Research Program

Project Leaders (#): 4
Ongoing Projects (#): 4
Focus: Goats, Wildflowers, Forestry, Water Quality,
Hay to support the livestock programs of the Research
Stations Division

Acres:

Station Total	4519.55 ac
Field Crops	40.07 ac
Pasture/Hay	388.13 ac
Rotational	210.00 ac
Irrigation Ponds	8.00 ac
Woodlands	3690.05 ac
Infrastructure	183.30 ac
# Buildings	20

Station Highlights:

- Property acquired by State of North Carolina in 1948, portions of property transferred to NCDA&CS in 1974
- Over the past 25 years, the increase in milk production achieved by North Carolina dairy farmers is due mainly to improve genetics of the cattle. Breeding records were kept on Umstead's herd for over 50 years to track the performance of cows from bulls selected as 1) young bulls, 2) milk bulls and 3) type bulls
- Cucumber breeding trials were conducted for 6 years resulting in the release of 7 hybrid and 5 inbred lines. Among the hybrid lines were the only varieties with nematode resistance.

Station Improvements:

- Transitioned from a dairy into goat and field crop research
- Installed woven wire fence to accommodate new goat research
- Transformed nutrition barn into site for Annual Meat Goat show and sale
- Acquired field equipment needed for installation of plot research
- Up-graded forage equipment to better manage the production of hay for other stations
- Purchased a combine (joint venture with Oxford) to increase the number of crops that can be harvested
- Replaced culverts on Huff Rd. to provide better access to DOT
- Designated two forest tracts for long term BMP study